PGCS PROJECT AND PROGRAM MANAGEMENT SYMPOSIUM

Better Management • Better Projects

Tuesday 20 – Wednesday 21 August 2019

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SYMPOSIUM PROGRAM

TUESDAY 20 AUGUST 2019

8.00am	**Registration**			
9.00am - 9.05am	**Room: Rooms 1&2** **Symposium Introduction** *Mr Tim Gavel*			
9.05am - 9.20am	**Welcome by Chair of Committee and Walt Lipke Award Presentation** *Mr Patrick Weaver, Chairman*			
9.20am - 9.40am	**Opening Keynote Address** *Hon Andrew Gee MP, Assistant Minister to the Deputy Prime Minister*			
9.40am - 10.40am	**Keynote Address 2** **Integrating Systems Engineering and Program Performance Management Creates a Match Made in Heaven** *Mr Glen Alleman (USA)*			
10.40am - 11.10am	**Morning Tea** - *Grand Ballroom*			
11.10am - 12.00pm	**Keynote Address 3** **Contestability across the Capability Life Cycle** *Mr Ciril Karo, First Assistant Secretary Contestability, Contestability Division, Department of Defence*			
12.00pm - 1.10pm	**Lunch** - *Grand Ballroom*			
	Academic	**Systems Engineering**	**Engineering & Infrastructure**	**Defence Project Management & Project Management Training & Education**
1.10pm - 1.50pm	**Session: A1** **Room: Conference Room** **Chair:** *Patrick Weaver* **Engineering Failures and Lack of Recognition of Complex Systems Parameters** *Professor Vernon Ireland*	**Session: SE1** **Room: Room 5** **Chair:** *Raf Düa* **Integrating Systems Engineering (SE) & Program Performance Management (PPM) to Increase the Probability of Delivering the Needed Capabilities for Project/Program Success** *Mr Glen Alleman (USA)*	**Session: EI1** **Room: Rooms 3&4** **Chair:** *Peter Colquhoun* **Transforming Infrastructure with Digital Engineering** *Mr Simon Vaux*	**Session: DPM1** **Room: Rooms 1&2** **Chair:** *Kym Henderson* **A View from the Function Lead in Capability Acquisition and Sustainment Group** *Mr Stephen McDonald*
1.55pm - 2.35pm	**Session: A2** **Room: Conference Room** **Chair:** *Patrick Weaver* **For Boards and their 'Accidental Sponsors' - Guiding Questions to Implement Policy, Strategy and Create Value through Projects** *Dr Raymond Young*	**Session: SE2** **Room: Room 5** **Chair:** *Raf Düa* **Solving Tensions of Overlapping Project Management and Systems Engineering with the Elegance of the Complex Systems Governance Approach** *Dr Keith Joiner &* *Dr Rani Yesudas*	**Session: EI2** **Room: Rooms 3&4** **Chair:** *Peter Colquhoun* **Utilising Artificial Intelligence and Machine Learning in Project Controls** *Mr Maisara Al Rais*	**Session: DPM2** **Room: Rooms 1&2** **Chair:** *Kym Henderson* ***SESSION 1*** **AS4817-2019 Earned Value Management in Project & Programme Management (ISO 21508:2018, MOD) Current Status, Future Directions & Implementation Options** *Mr Kym Henderson &* *Ms Chloe Kempster*
2.35pm - 3.05pm	**Afternoon Tea** - *Grand Ballroom*			

3. 05pm - 3.45pm	**Session: A3** **Room: Conference Room** **Chair:** *Patrick Weaver* **The Nexus of Competing Definitions and Differing Understandings: The Super Seasprite Project** *Dr Melinda Swift*	**Session: SE3** **Room: Room 5** **Chair:** *Raf Düa* **A Modelling Approach for Integration of Systems Engineering and Program Management** *Mr Mahmoud Efatmaneshnik*	**Session: EI3** **Room: Rooms 3&4** **Chair:** *Peter Colquhoun* **What makes for Successful Infrastructure Delivery** *Mr Damon Hancock*	**Session: DPM3** **Room: Rooms 1&2** **Chair:** *Kym Henderson* ***SESSION 2*** **AS4817-2019 Earned Value Management in Project & Programme Management (ISO 21508:2018, MOD) Current Status, Future Directions & Implementation Options** *Mr Kym Henderson & Ms Chloe Kempster*
3.50pm - 4.30pm	**Room: Rooms 1&2** **Walt Lipke Essay Presentation** *Winner to be announced on the first morning of the Symposium*			
4.30pm - 4.45pm	Day 1 Closing Remarks			
4.45pm - 6.15pm	**Welcome Networking Drinks** *Includes canapes and beverages - Grand Ballroom*			

WEDNESDAY 21 AUGUST 2019

8.00am	**Registration**
8.50am - 9.00am	**Room: Rooms 1&2** **Welcome and Recap on Day 1: Introduction to Day 2** *Mr Tim Gavel*
9.00am - 9.50am	**Keynote Address 4** **Complex Systems Governance: A New Approach for Addressing the 'Messes' and 'Wicked Problems' that are By-product of Modern Projects which Overwhelm PM Practitioners** *Professor Charles Keating (USA)*
9.50am - 10.20am	**Morning Tea** - *Grand Ballroom*
10.20am - 11.10am	**Room: Rooms 1&2** **Keynote Address 5** **Infrastructure Investment Program – Overview and Governance Arrangements** *Mr Phil McClure - General Manager - DIRDC*
11.10am - 12.00pm	**Keynote Address 6** **Designing for Project Success - The Power of many and the Undoing by Multitudes** *Professor Kerry London*
12.00pm - 1.00pm	**Lunch** - *Grand Ballroom*

	Academic	Systems Engineering	Engineering and Infrastructure	Defence Project Management	Project Management Training & Education
1.00pm - 1.40pm	**Session A4** **Room: Conference Room** **Chair:** *Keith Joiner* **Design Structure Matrix based Modular analysis and its Applications** *Dr Li Qiao*	**Session SE4** **Room: Room 2** **Chair:** *Raf Düa* **Responding to Complex Systems Challenges for Project Management** *Professor Charles Keating (USA)*	**Session EI4** **Room: Rooms 3&4** **Chair:** *Peter Colquhoun* **Department of Infrastructure, Transport, Cities and Regional Development – Cost Estimation Policy and Implementation** *Mr Ben du Bois*	**Session DPM4** **Room: Room 1** **Chair:** *Kym Henderson* **Earned Value Management in Defence** *Mr Andrew Goodwin*	**Session TE1** **Room: Room 5** **Chair:** *Patrick Weaver* **Controlling Agile Projects** *Mr Patrick Weaver* ***DOUBLE SESSION***

1.45pm - 2.25pm	**Session A5** **Room: Conference Room** **Chair:** *Keith Joiner* **Exploring Project Teams' Collaborative Behaviour in Hong Kong's Relational Contracting Projects** *Dr Shoeb Ahmed Memon*	**Session SE5** **Room: Room 2** **Chair:** *Raf Düa* **Bring Organisational Agility through Improved Alignment to Deliver Greater Capability and Value in Large and Complex Organisations** *Mr James Bawtree*	**Session EI5** **Room: Rooms 3&4** **Chair:** *Peter Colquhoun* **Project Leadership: The Game Changer in Large Scale Complex Projects** *Mr Collin Smith*	**Session DPM5** **Room: Room 1** **Chair:** *Kym Henderson* **Management of the Defence Science and Technology Research Portfolio in a Dynamic Strategic Environment** *Mr Roger Vodicka & Mr Richard Bartholomeusz*	**Session TE1** **Room: Room 5** **Chair:** *Patrick Weaver* **Controlling Agile Projects** *Mr Patrick Weaver* ***CONTINUATION OF DOUBLE SESSION***
2.25pm - 2.40pm	**Afternoon Tea break -** *Grand Ballroom*				
2.40pm - 3.20pm	**Session A6** **Room: Conference Room** **Chair:** *Keith Joiner* **Walt Lipke Runner-up Presentation**	**Session SE6** **Room: Room 2** **Chair:** *Mahmoud Efatmaneshnik* **Panel Session: Current Systems Engineering Challenges, Trends and Solutions** *Mr Glen Alleman, (USA)* *Mr Nelson Bates, CASG* *Mr Stephen Hughes, BAE Systems* *Mr Donald Lowe, DSTG*	**Session EI6** **Room: Rooms 3&4** **Chair:** *Patrick Weaver* **PMOs by Design** *Mr Mark White*	**Session DPM6** **Room: Room 5** **Chair:** *Kym Henderson* ***An Overview of the Schedule Compliance Risk Assessment Methodology (SCRAM)*** *Dr Shari Soutberg*	**Session TE2** **Room: Room 1** **Chair:** *Peter Colquhoun* **Deriving Certainty from Uncertainty - Value from Project Risk and Contingency Management** *Mr Gavin Halling*
3.25pm - 4.05pm	**Session A7** **Room: Conference Room** **Chair:** *Keith Joiner* **Walt Lipke Runner-up Presentation**		**Session EI7** **Room: Rooms 3&4** **Chair:** *Raf Düa* **The Extreme Cost of Technical Debt** *Mr Patrick Weaver*	**Session DPM7** **Room: Room 5** **Chair:** *Kym Henderson* **Cost Estimation – Building Better Practice** *Ms Chloe Kempster*	***DOUBLE SESSION***
4.10pm - 4.55pm	**Room: Room 2** **Conference Locknote -** ***Needed - Triple Threatd Leaders!*** *Mr Hayden Thomas*				
4.55pm - 5.00pm	**Conference Closing Remarks** *Mr Kym Henderson*				

WALT LIPKE AWARD FINALISTS

A Model for Organizational Project Management and its Validation
Professor Shankar Sankaran

Project Benefits Realization- Academics Aspiration or Practitioners Nightmare
Mr Saeed Munir

A Framework to Manage Uncertainty in Early Planning of Projects, an ICT Project
Dr Saeed Shalbafan & Ms Kim Ballestrin

EXHIBITORS

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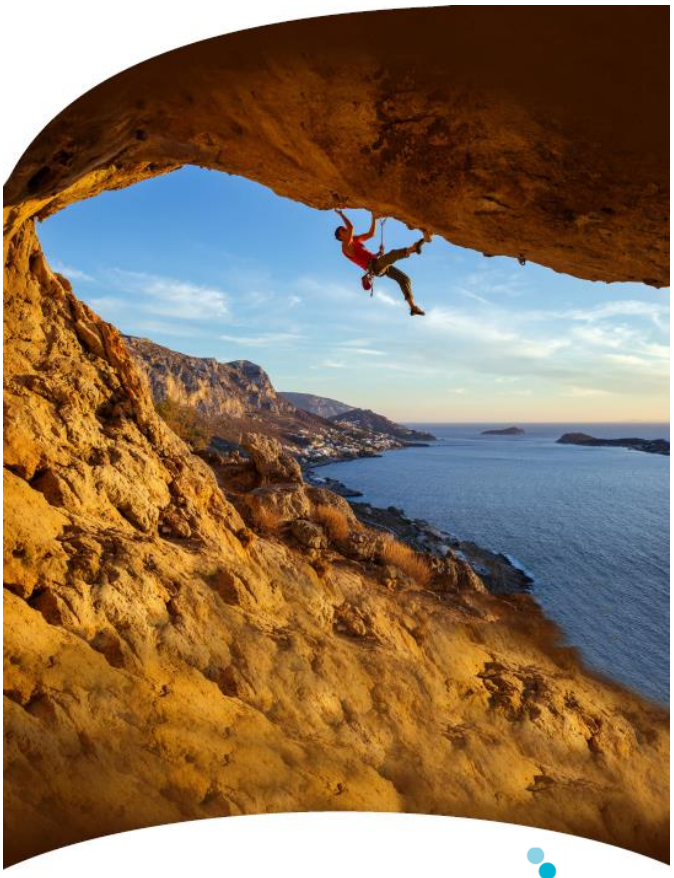
NOTES

"Enlightened leaders embrace risk and opportunities to lead and shape the future…"

"The assurance that your enterprise & program risks are known and effectively managed, or not!"



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SAVE THE DATE

18-20 AUGUST 2020

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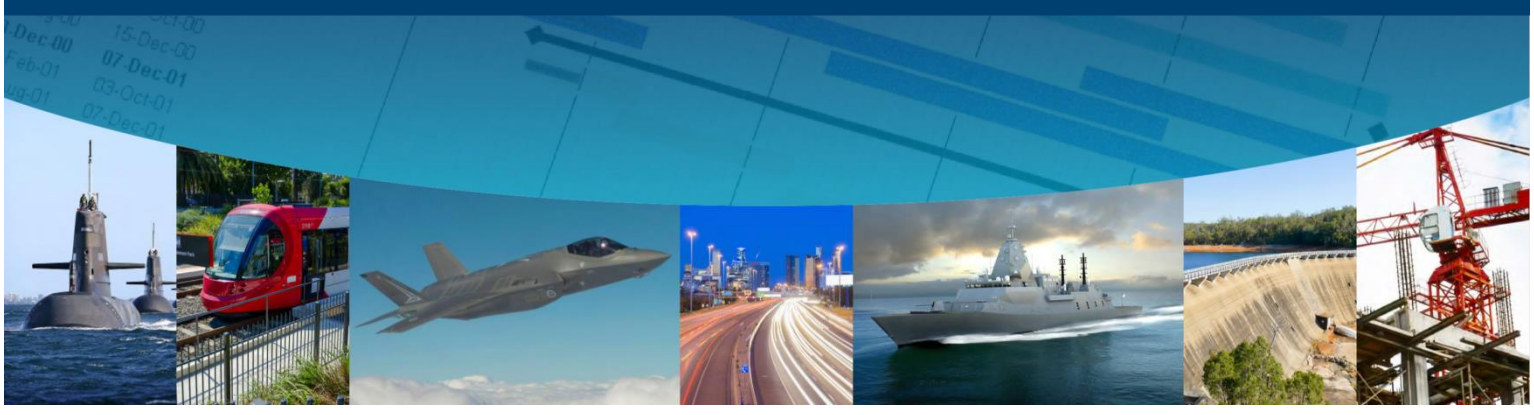
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